



DEPARTMENT of ENVIRONMENT and NATURAL RESOURCES
Minerals & Mining Program - Oil & Gas Section
2050 West Main, Suite #1, Rapid City, SD 57702-2493
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FORM 2

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SEP 28 2006

DEPT OF ENVIRONMENT & NATURAL
RESOURCES - RCRO

APPLICATION FOR PERMIT TO DRILL

Type of work: ☐ Drill New Well ☐ Re-enter Well ☐ Drill Directional Well ☒ Other Horizontal Lateral Extension

Type of well: ☒ Oil Well ☐ Gas Well ☐ Injection ☐ Other _____

Name and Address of Operator:

Continental Resources, Inc. P.O. Box 1032, Enid, OK 73702

Telephone

(580) 233-8955

Name and Address of Surface Owner:

Ted Butler C/O Mike Butler HC 67, Box 15, Buffalo, SD 57720

Name and Address of Drilling Contractor and Rig Number:

J&R Well Service 791 Lane 9, Powell, WY 57720, Rig #8

Surface Location of well: Qtr-Qtr, Sec, Twp, Rge, County, feet from nearest lines of section, and latitude and longitude (if available):

SHL 660' FSL & 1980' FEL, Sec 27-21N-4E, SW SE

If Directional, top of pay and bottom hole location from nearest lines of section:

BHL 950' FNL & 1800' FWL, Sec 34-21N-4E, NW NW

Acres in Spacing (Drilling) Unit

Description of Spacing Unit

Buffalo Red River Unit

Well Name and Number SBRRU 34-27H		Elevation 3037' GL	Field and Pool, or Wildcat Buffalo		Proposed Depth and Formation Red River "B" TD @ 10,800'
Size of Hole 1) 12 1/4 2) 7 7/8 3) 4)	Size of Casing 8 5/8 4 1/2	Weight per Foot 24 11.6 & 13.5	Depth 1519 8574	Cementing Program (amount, type, additives) 700 sks 1125 sks	Depth

Describe Proposed Operations (Clearly State all Pertinent Details, and Give Pertinent Dates, Including Estimated Date of Starting any Proposed Work). Use additional page(s) if appropriate.

The well lateral will be drilled out of existing 4 1/2" casing by cutting a southwest facing window at least 10' below the Gunton porosity located at 8393'-8431', landing in the Red River "B" porosity @ 8543'-8559'. Out of this window the lateral will be drilled to the southwest.

I hereby certify that the foregoing as to any work or operation performed is a true and correct report of such work or operation.

Becky Barnes
Signature

Becky Barnes

Name (Print)

Regulatory Comp

Title

09/18/2006

Date

FOR OFFICE USE ONLY

Approved By:

Permit No. 1798

API No. 40 063 20445.01

Title: Oil and Gas Supervisor

Date Issued: October 12, 2006

Conditions, if any, on attached page.